BWWC

Black Warrior Wireline Corporation

CEMENT BOND LOG
GAMMA RAY
CCL

Company BRIDGE ENERGY, LLC.
Well STATE 1-17 HAMILTON
Field WILDCAT
County PAYETTE
State IDAHO

Company	BRIDGE ENERGY, LLC.		
Well	STATE 1-17 HAMILTON		
Field	WILDCAT		
County	PAYETTE	State	IDAHO

Location: API # : 11075200050000

SURFACE HOLE LOCATION:
2388' FWL & 406' FNL NE NW

SEC 17 TWP 7N RGE 4W

Other Services

Permanent Datum	GROUND LEVEL	Elevation	2340
Log Measured From	K.B. 12.0 ft above perm. Datum		
Drilling Measured From	KELLY BUSHING		

Elevation
K.B. 2352
D.F. 2351
G.L. 2340

Date	12 MAY 2010		
Run Number	ONE		
Depth Driller	4520		
Depth Logger	2168		
Bottom Logged Interval	2152		
Top Log Interval	20		
Open Hole Size	8.750"		
Type Fluid	WATER		
Density / Viscosity	N/A		
Max. Recorded Temp.	N/A		
Estimated Cement Top	220		
Time Well Ready	ON ARRIVAL		
Time Logger on Bottom	8:10		
Equipment Number	8517		
Location	ROOSEVELT		
Recorded By	D. McPHERSON		
Witnessed By	BOB HATFIELD		

Borehole Record				Tubing Record			
Run Number	Bit	From	To	Size	Weight	From	To

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	9 5/8"	36#	SURFACE	685'
Prot. String				
Production String	5 1/2"	17#	SURFACE	TD
Liner				

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All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, damages, or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees. These interpretations are also subject to our general terms and conditions set out in our current Price Schedule.

Comments

LOG CORRELATED TO:

HALIBURTON

SPECTRAL DENSITY
DUAL SPACED NEUTRON

28 APRIL 2010

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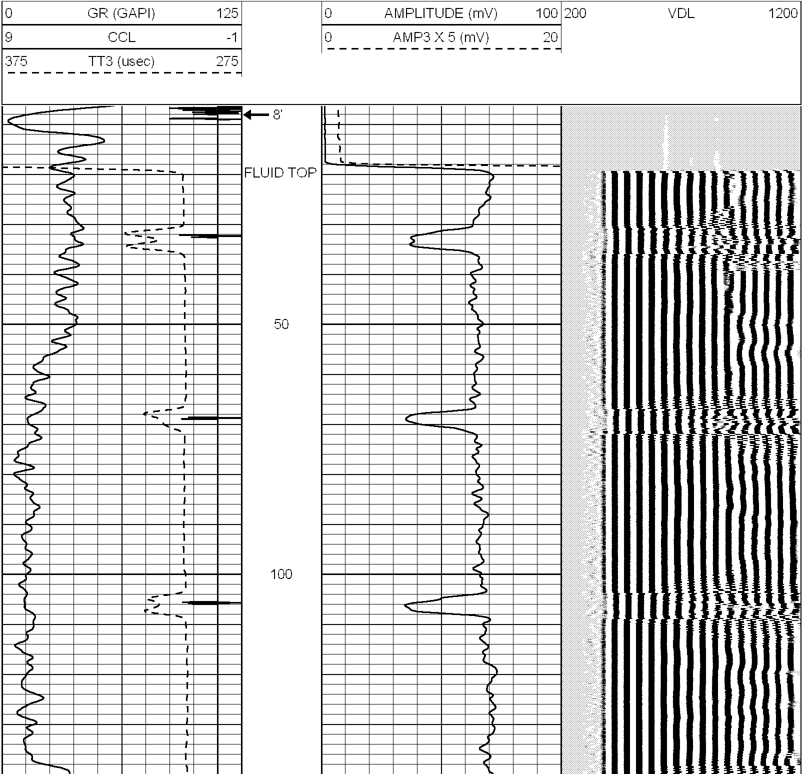
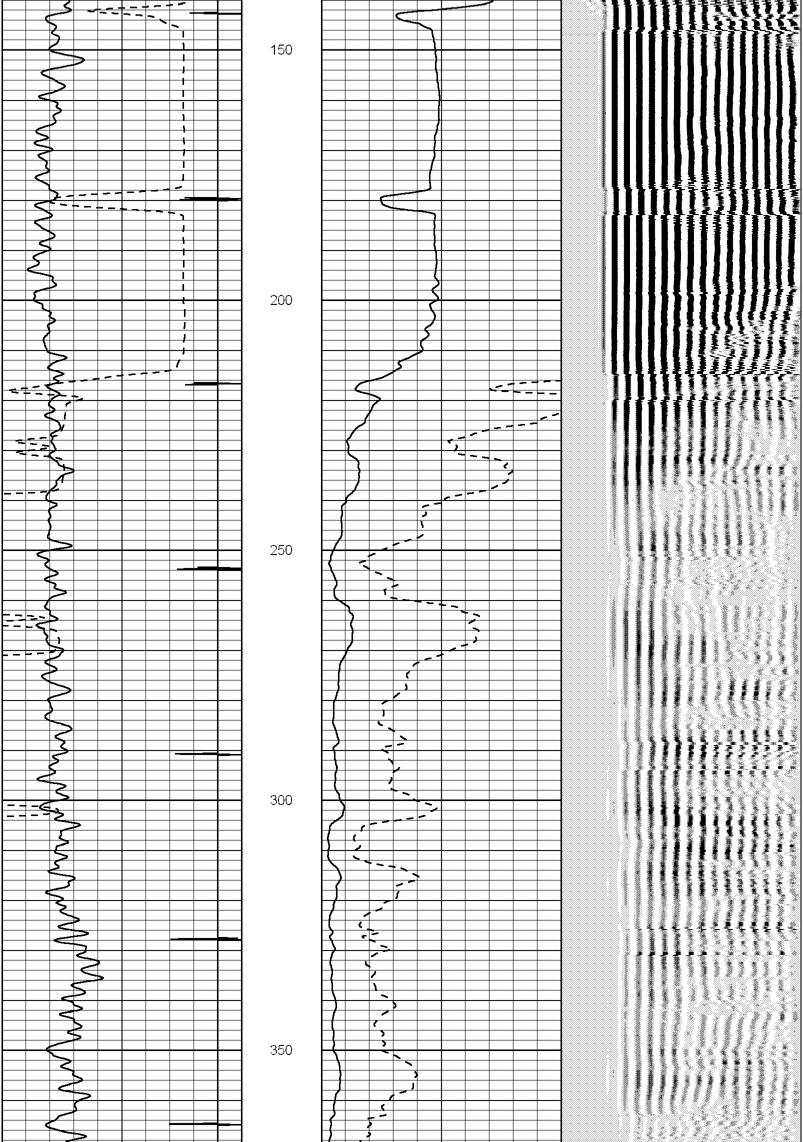
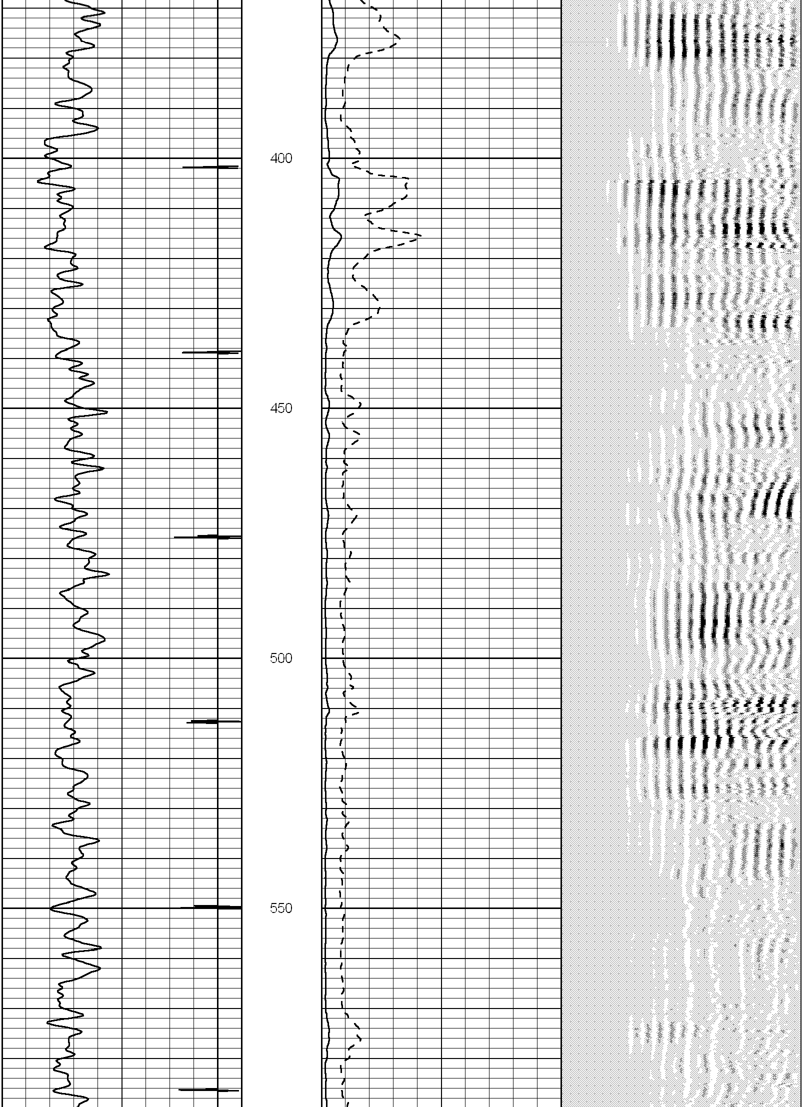
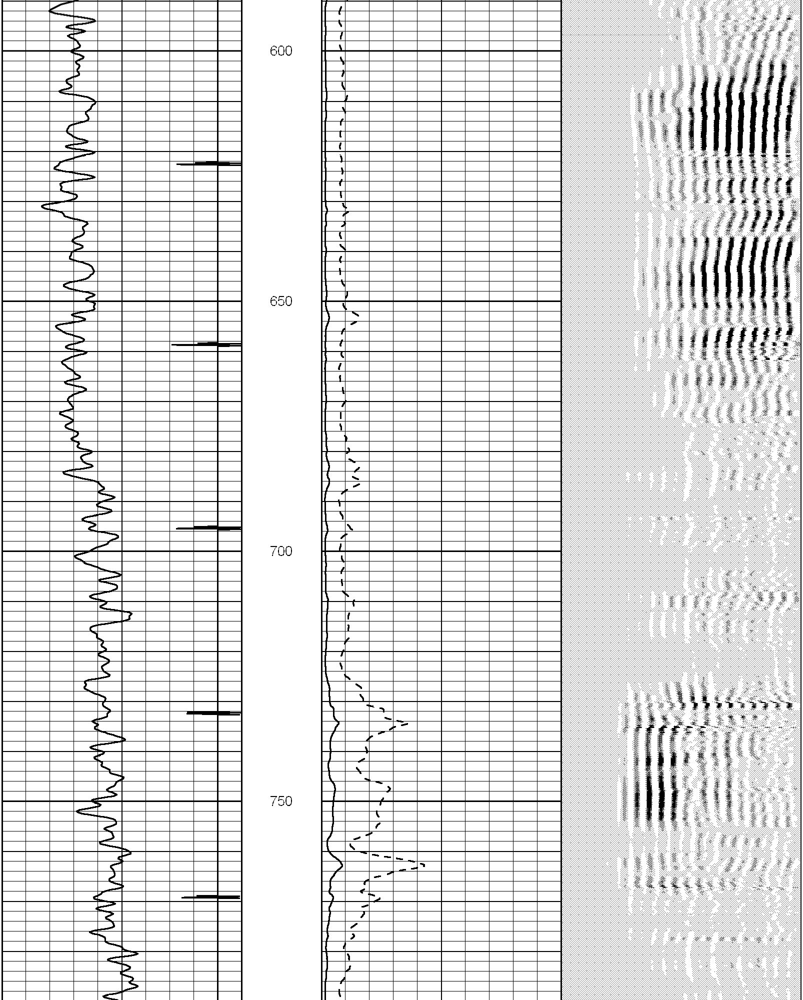
MAIN PASS

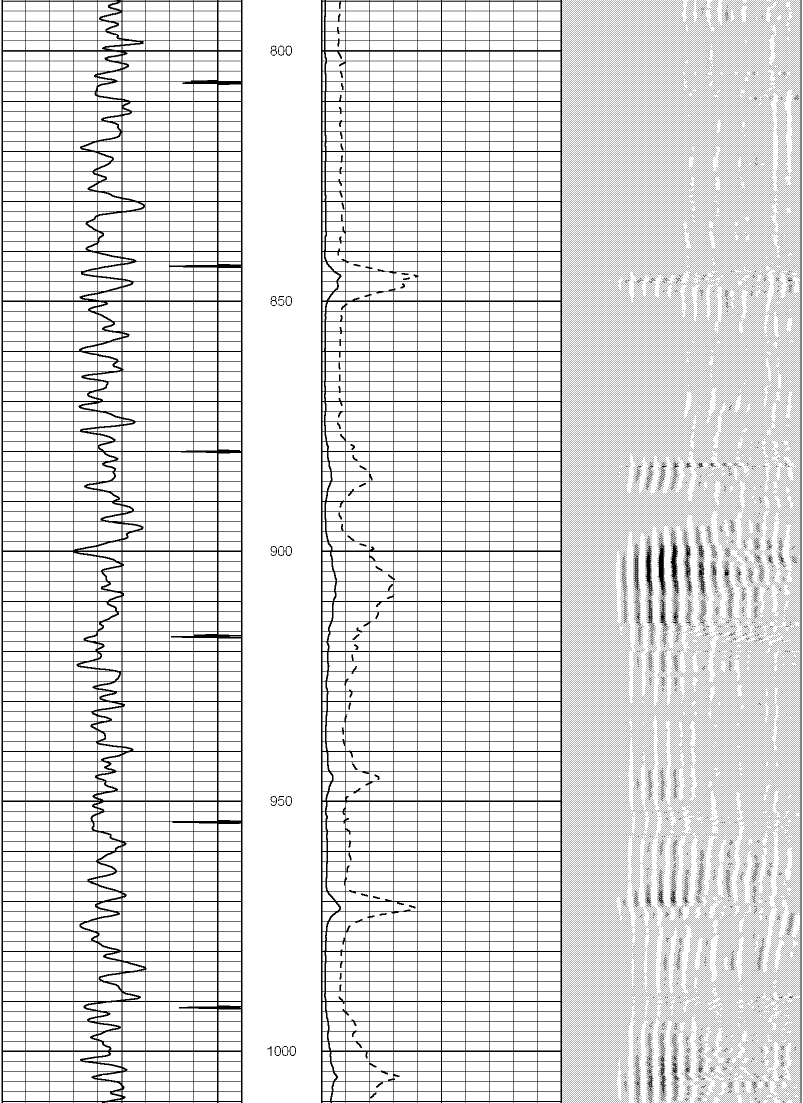
Database File: hamilton 1 17.db
Dataset Pathname: pass4.7
Presentation Format: bondsect
Dataset Creation: Wed May 12 09:47:12 2010 by Calc Std Casedhole 09061
Charted by: Depth in Feet scaled 1:240

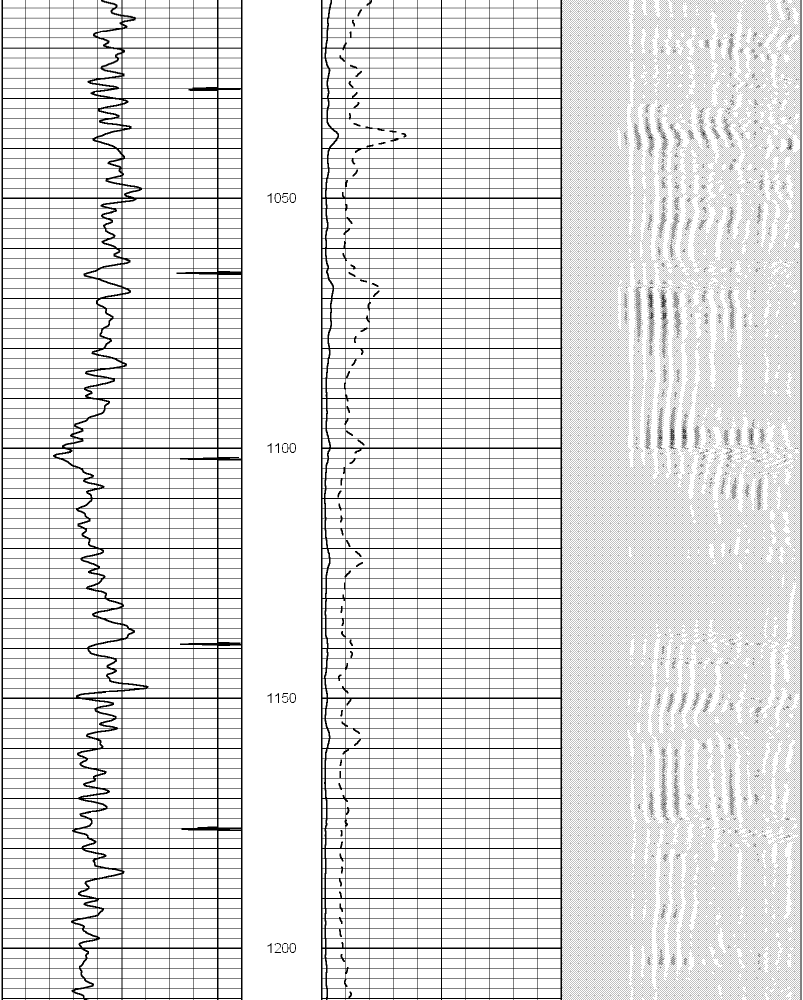


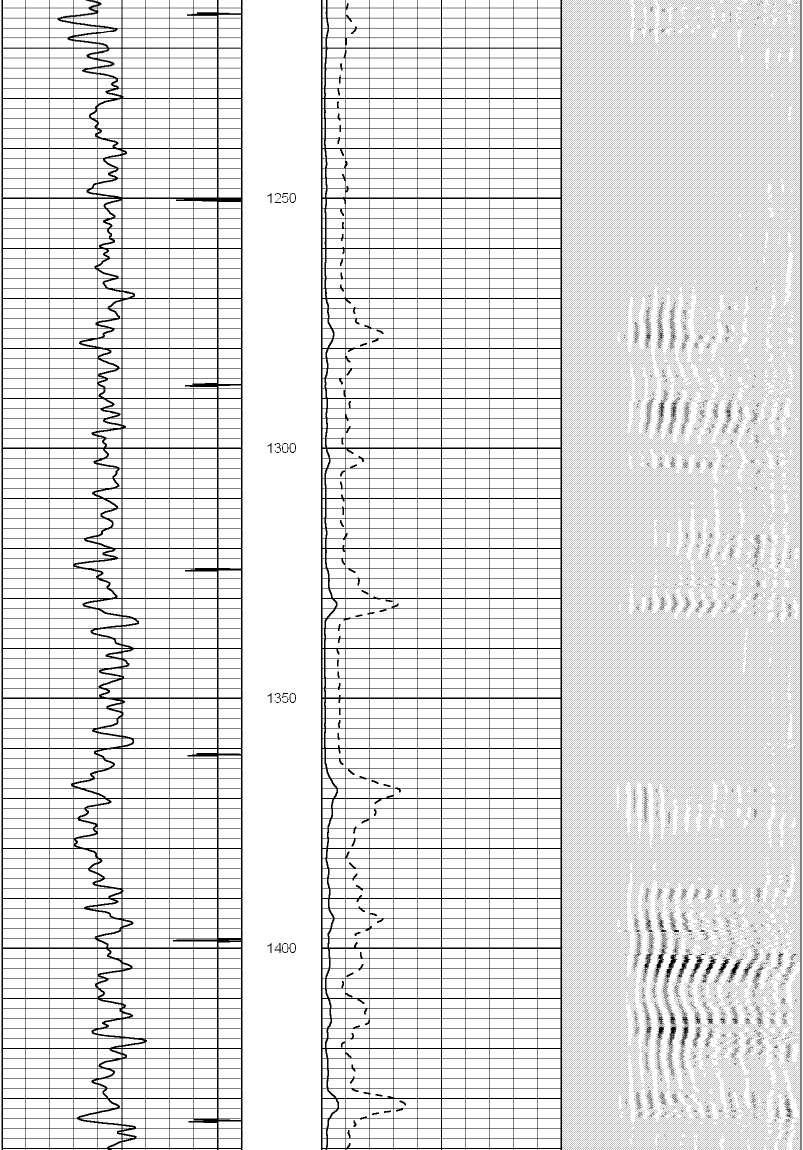


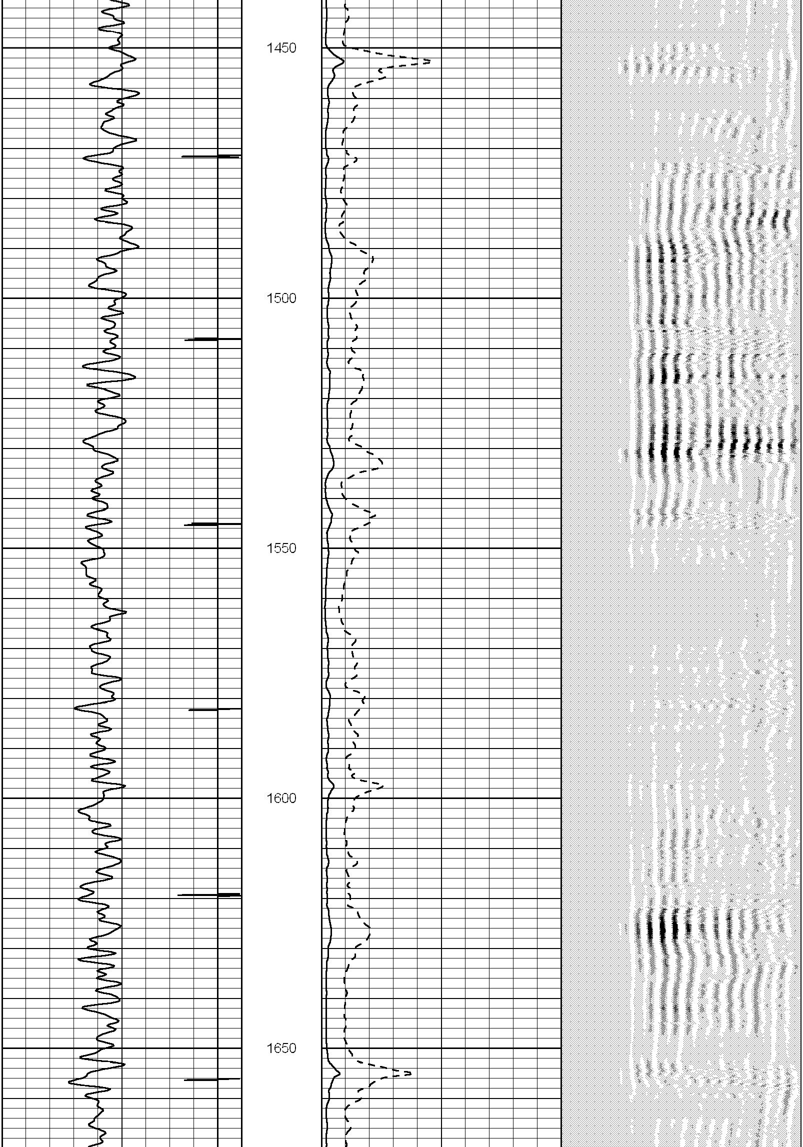


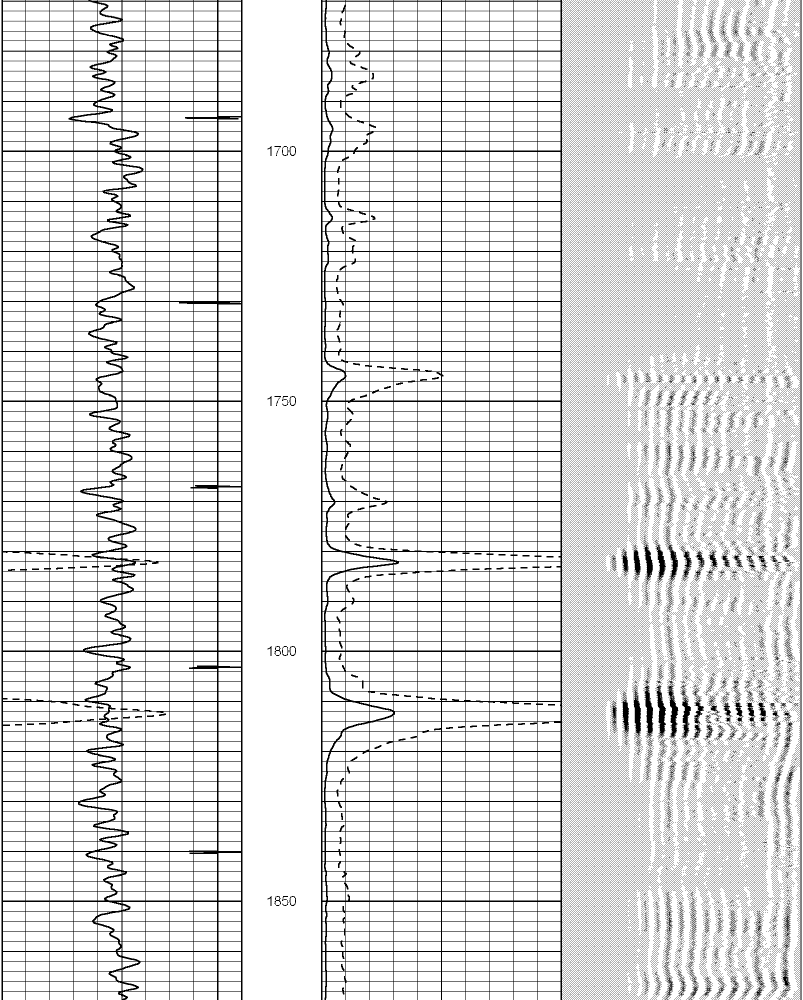


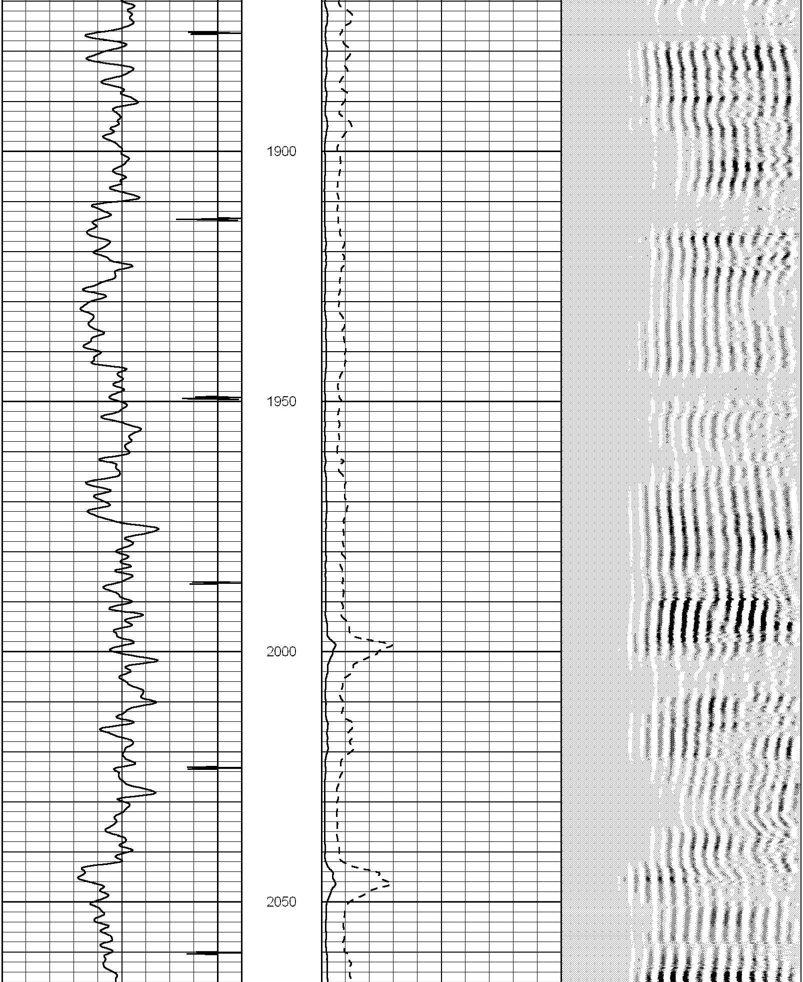


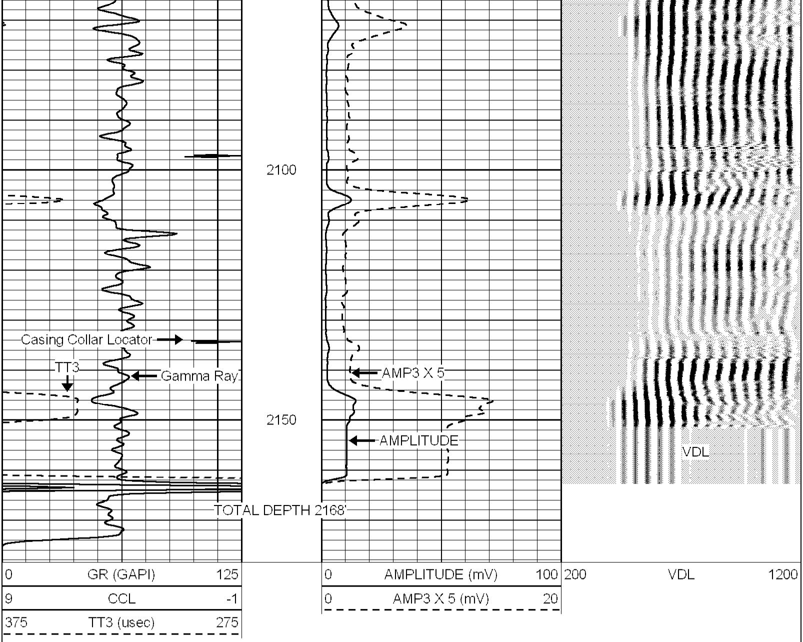












BWWC

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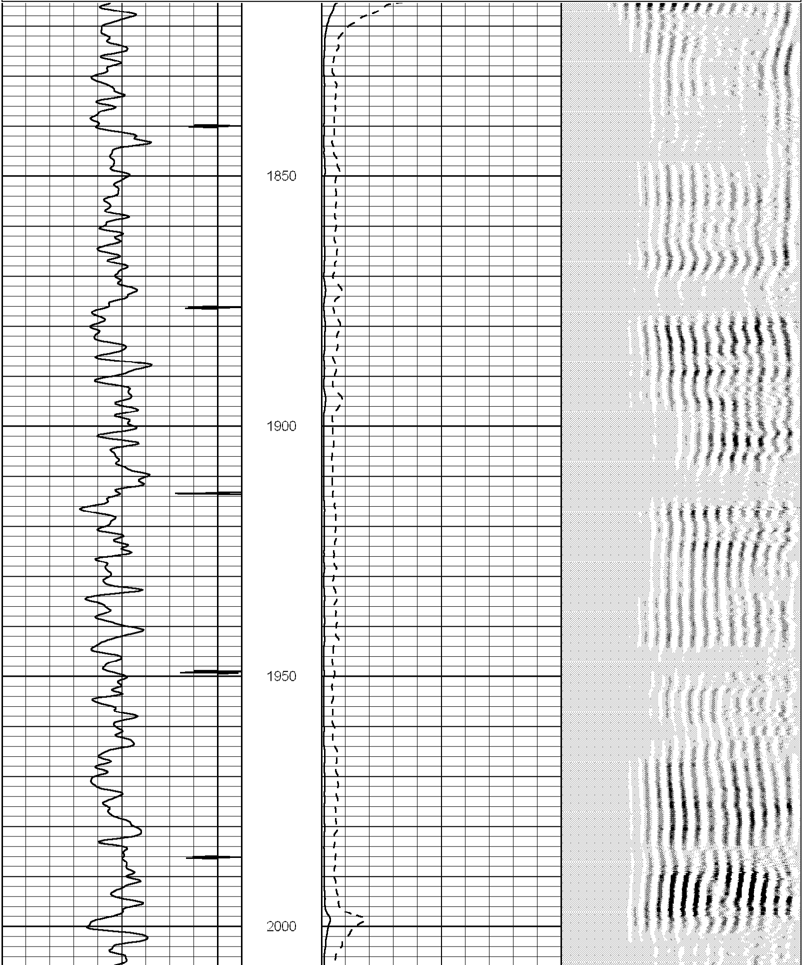
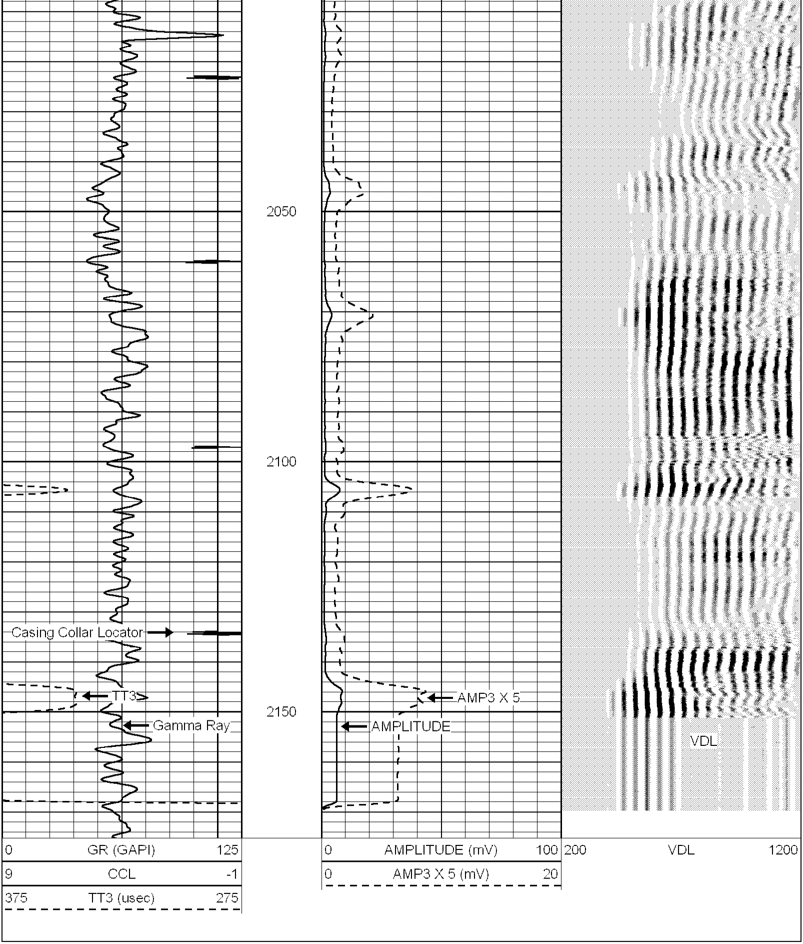
REPEAT PASS

Database File:	hamilton 1 17.db
Dataset Pathname:	pass2
Presentation Format:	bondsect
Dataset Creation:	Wed May 12 08:07:27 2010 by Log Std Casedhole 09061
Charted by:	Depth in Feet scaled 1:240

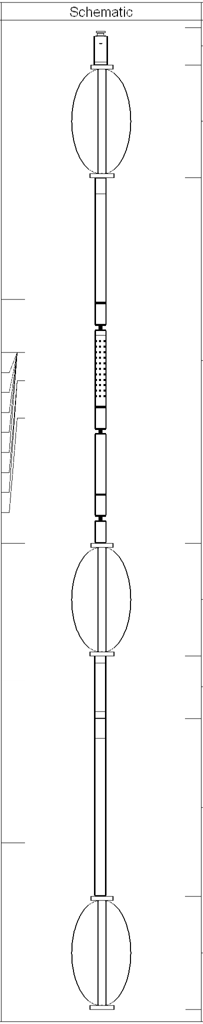
0	GR (GAPI)	125	0	AMPLITUDE (mV)	100	200	VDL	1200
9	CCL	-1	0	AMP3 X 5 (mV)	20			
375	TT3 (usec)	275						





Sensor	Offset (ft)
TEMP	18.92
WVFS1	17.50
WVFS2	17.50
WVFS3	17.50
WVFS4	17.50
WVFS5	17.50
WVFS6	17.50
WVF3FT	16.75
WVFCAL	16.75
WVF5FT	15.75
WVFTEMP	12.42
CCL	8.75
GR	4.43

Schematic



Description	Len (ft)	OD (in)	Wt (lb)
CHD01	1.00	1.44	1.00
LTEC-1.68 LTEC Six Arm	3.00	1.69	15.00
SCBL104T-104T (104T-003) Tekco 1 11/16" Sector Bond / Temp	9.75	1.69	53.00
LTEC-1.68 LTEC Six Arm	3.00	1.69	15.00
CCL-Titan340 (340-001) Titan 1 11/16" Logging CCL	1.67	1.69	7.00
GR-Titan340 (340-001) Titan 1 11/16" Gamma Ray Scint	4.75	1.69	20.00
LTEC-1.68 LTEC Six Arm	3.00	1.69	15.00

Dataset:	hamilton 1 17.db: field/well/run1/pass2
Total Length:	26.17 ft
Total Weight:	126.00 lb
O.D.	1.69 in